

FACT SHEET

DRAFT HWMA/RCRA PARTIAL-CLOSURE PLAN FOR THE MATERIALS TEST REACTOR WING (TRA-604) LABORATORY COMPONENTS LOCATED AT THE IDAHO NATIONAL LABORATORY EPA ID NO. ID4890008952

This fact sheet sets forth the principal facts pertaining to a draft closure plan that the Idaho Department of Environmental Quality (DEQ) is proposing to approve. The closure plan presents the applicable closure requirements the DEQ intends to require of the United States Department of Energy (DOE) associated with the Materials Test Reactor Wing (TRA-604) Laboratory Components at the Idaho National Laboratory (INL).

A. PURPOSE OF THE CLOSURE PLAN

Closure plans designate specific administrative and procedural requirements the owner/operator must meet in order to comply with Idaho's Hazardous Waste Management Act (HWMA) of 1983, as amended. DEQ reviewed, and now proposes to approve, the draft plans to close the TRA/MTR Warm Waste System.

B. PROCEDURES FOR REACHING A FINAL DECISION

IDAPA 58.01.05.009 [40 CFR § 265.112(d)(4)] requires that the public be given thirty (30) calendar days to comment on the draft closure plan presented for approval under the HWMA. The comment period will begin April 18, 2008, and will end on May 19, 2008. Any person interested in commenting on this plan must do so within this thirty (30) calendar day comment period.

At the discretion of the Director of the DEQ, a public hearing may be provided if signed, written requests for a hearing are submitted personally, or sent to the address below, and received on or before May 19, 2008. All persons wishing to comment on the partial-closure plan's conditions should submit comments in writing to:

*Robert Bullock
c/o Jennifer Shafer
DEQ Waste Management & Remediation Division
1410 N. Hilton
Boise, ID 83706
Phone: (208) 373-0502*

Comments should include all reasonable available references, factual grounds, and supporting material.

When making the final determination regarding the approval of this partial-closure plan, DEQ will consider all written comments received during the public comment period; comments received during the public hearing (if held); the requirements of the hazardous waste regulations of IDAPA 58.01.05.000 et. seq. and all other applicable federal, state or local laws.

C. FACILITY/UNIT DESCRIPTION

The Materials Test Reactor Wing Laboratory Components are located within the TRA-604 and TRA-661 buildings at the Reactor Technology Complex (RTC). TRA-604 was constructed in 1950 to house radiochemistry laboratories that supported test reactor operations at the RTC. The TRA-661 Alpha Wing is the south extension of TRA-604 built in 1960. Drain piping in the laboratories received wastes from 1952 to 2007. The portion of the laboratory components to be closed consists of drain piping and potentially contaminated surfaces located beneath some of the piping and lab sinks.

The Materials Test Reactor Wing (TRA-604) Laboratory Components are part of the Voluntary Consent Order (VCO) Tank System VCO-5.8.d. The VCO is an agreement between DEQ and DOE to correct potential HWMA/RCRA compliance issues at the INL. Per the requirements of the VCO agreement, a hazardous waste determination was conducted and it was determined that the TRA-604 laboratory components were ancillary to the TRA-630 Catch Tank System (CTS) which stored hazardous waste for greater than 90 days. The TRA-630 CTS has been addressed under a separate closure plan. Some of the wastes exhibited the toxicity characteristic for cadmium, chromium, lead, and mercury, as well as radiological contamination. Therefore, those portions of the tank system which managed hazardous wastes are subject to closure as an interim status unit under this plan.

D. CLOSURE ACTIVITIES

Closure activities include isolating system components, removing and managing the waste inventory, removing or decontaminating and managing system components. If there is evidence of a release to soil, the soils will be removed to meet closure plan criteria. All activities associated with this plan will be monitored and certified by an independent registered professional engineer. Closure activities shall be completed within 1,056 days of DEQ approval of the closure plan.

E. CLOSURE PLAN ORGANIZATION

The closure plan is divided into eleven sections and two appendixes as follows:

SECTION	TITLE
1	INTRODUCTION
2	FACILITY DESCRIPTION
3	CURRENT AND MAXIMUM HAZARDOUS WASTE INVENTORY AND CHARACTERISTICS
4	CLOSURE PERFORMANCE STANDARDS
5	CLOSURE ACTIVITIES
6	CLOSURE SCHEDULE
7	CLOSURE PLAN AMENDMENTS
8	CERTIFICATION OF CLOSURE
9	COST AND LIABILITY REQUIREMENTS
10	REFERENCES
11	DRAWINGS

APPENDIX	TOPIC
A	SCHEMATICS
B	PHOTOGRAPHS

